

**CONFIDENTIAL**

NPIC/TDS/P-345-67  
22 November 1967

MEMORANDUM FOR THE RECORD

SUBJECT: Portable CORN Target Integrity

1. The recent discovery [redacted] of the inaccuracy of portable CORN target dimensions from [redacted] activities has led to a careful review of all canvas targets for the entire CORN target program.

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2. Informal information received [redacted] indicates the following:

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a. The portable CORN targets were designed primarily for resolution, not for mensuration.

b. Canvas has the property of dimensional stability along one dimension more than the other. Therefore, maximum stability was designed across the width of the bar targets with maximum change permitted along the length of the targets.

c. These targets can be off an average of 1% in width, and between 4% and 6% in length of the bar.

d. Since these portable targets must often be placed in open fields which are not flat and sometimes contain mounds or ditches, this effect also adds inaccuracies to the percentage error.

e. [redacted] considering such ideas as placing metal balls in the field and reporting their measured distance apart to assist in future mensuration tests.

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3. I have requested [redacted] that copies of any reports published on this subject be forwarded to NPIC.

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Declass Review by NIMA / DoD

Ch/TDS/TPS/NPIC

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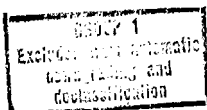
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